Andreu Veà i Baró

From:	Vint Cerf <vint@google.com>
Sent:	viernes, 17 de junio de 2011 23:37
To:	Andreu@vea.cat
Cc:	Oscar Tomas Garcia Chillon; joan@batet.cat; msanroma@tinet.cat
Subject:	Re: Quick question (on Bob's interview)

the term "router" did not exist. We had to invent the "gateway" that knew about IP addresses because the packet swicthes of the ARPANET, PRNET and SATNET did not know anything about IP; nor did the Ethernet.

vint

On Fri, Jun 17, 2011 at 5:08 PM, Andreu Veà i Baró <landreu@gmail.com> wrote:

Dear Vint,

One of my best friends and "beta-readers" has a point with this sentence (from Bob Kahn's interview)

Bob said:

Networks that cannot handle IP Addresses will be interconnected through 'black boxes' called

Gateways (now known as Routers – none of the initial networks were modified to handle IP Addresses)

He is suggesting to explain it like this, in order to clarify the differences between a router and a gateway. What I'm not sure is the word and "router" concept existed at the time Bob is talking...

"Networks that cannot handle IP Addresses will be interconnected through 'black boxes' called Gateways (IP address to other network address translators) . Over time, as networks evolved and began to be able to handle IP addresses, Gateways became less common. Routers (IP address forwarders) appeared then as the main internetworking device."

BTW: you can see him listening carefully to you on 2004-05-14 at the INET'04 we organized in Barcelona...while Joan is on his own "businesses" ☺

     We're proud of him, he has now become the CTO of NTT europe !

Oscar
García